

ABSTRACT OF THE DISCLOSURE

A nickel electrode for an alkaline storage battery is made by filling a conductive porous member with an active material including a main active material layer

5 substantially made of nickel hydroxide and containing cobalt in a state of a solid solution, and a compound layer containing at least one element selected from the group consisting of calcium, aluminum, strontium, scandium, yttrium, and lanthanoid series, the compound layer being
10 formed on a surface of the main active material layer. A metal molar ratio of cobalt contained in the main active material layer to nickel contained in the main active material layer is in a range of 0.5% to 3.0%, and a metal molar ratio of the at least one element contained in the
15 compound layer to nickel contained in the active material is in a range of 0.3% to 5.0%.